HMEC 300 Low Impedance, Dynamic Microphone & Headphone

Experience excellent noise attenuation over the entire frequency range. The new HMEC 300 NoiseGard™ ensures superior speech intelligibility and voice transmission—even in the loudest of surroundings.

This lightweight headset is fitted with a volume control for the headphones, flexible boom microphone, collapsible cushioned headband, mono/stereo switch and the on/off switch for NoiseGard™ circuitry with ease of use and optimum comfort in mind.

Features—Benefits

- Active noise compensation
- Lightweight and comfortable
- Volume control
- MKE 45 flexible boom mic for right or left-side use
- Switchable mono/stereo
- Single-sided, round cable
- High-quality carrier bag

Technical Data

Technical Data - Headphone

Transducer Principle	Dynamic, closed back
Ear Coupling	Circumaural
Frequency response	45–15,000 Hz
Nominal impedance (active / passive)	160 / 150 Ω (mono), 320 / 300 Ω (stereo)
Attenuation (passive + active)	> 25–40 dB
Max. SPL external noise	188 dB
Headband pressure	Approx. 10 N

Technical Data - Mic w/ Preamp

Transducer principle	Electret, Noise Canceling
Frequency response	300–5,000 Hz
Max. SPL	120 dB
Min. terminating impedance	150 Ω
Output voltage	400 mV ± 3 dB @ 114 dB/SPL
Operating voltage	8-16 VDC, 8–25 mA

Technical Data - Connection

Connector pin	6.3 mm / PJ-068 / XLR 3-pin / U-174U / XLR 5- (depending on model)
Current consumption	27 mA (zero signal max. 80 mA)
Connecting Cable	1.5 m single-sided, round cable

Product Variants

Mono version of HMEC 300, terminates with 5 pin XLR	HMEC 305
Mono version of HMEC 300, terminates with U-174/U connectors for helicopters	HMEC 322

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